

Japan on June 20, 2000, the contents of all of which are incorporated herein by reference.

IN THE CLAIMS:

Please substitute amended claims 1-11 and 14-23, as follows:

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A2B1  
1. (Amended) A display system comprising:  
a host apparatus having an image output interface;  
a display apparatus which is operated by supply of a video  
signal and power from said host apparatus; and  
5 a communication interface for communicating data between  
said host apparatus and said display apparatus,  
wherein said host apparatus comprises a storing unit for  
storing power consumption data, and  
wherein said display apparatus transmits said power  
10 consumption data stored in said storing unit to said host  
apparatus via said communication interface, and said host  
apparatus processes said received power consumption data and  
performs power control of said display system based on said  
processed power consumption data.

2. (Amended) A system according to Claim 1, wherein said  
communication interface has a specification for communication  
which conforms with a DDC1/DDC2B/DDC2AB standard prescribed by  
Video Electronics Standards Association or an expansion function  
5 thereof.

3. (Amended) A system according to Claim 1, wherein said display apparatus has a mode for operating only said communication interface for communication with said host apparatus.

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4. (Amended) A system according to Claim 1, wherein said display apparatus comprises an alarm indicator lamp for alarm display.

5. (Amended) A display system comprising:  
a host apparatus having an image output interface;  
a display apparatus which is operated by supply of at least one of a video signal and power from said host apparatus; and  
5 a communication interface for communicating data between said host apparatus and said display apparatus,

wherein said display apparatus comprises a storing unit for storing power consumption data and display-side communication means for transmitting said power consumption data stored in said  
10 storing unit, and

wherein said host apparatus comprises host-side communication means for receiving said power consumption data transmitted from said display apparatus and power control means for entirely performing power control of said display system  
15 based on said power consumption data received from said host-side communication means.

6. (Amended) A system according to Claim 5, wherein:

said display apparatus further comprises storing means for storing on-screen display information, and said display-side communication means transmits said on-screen display information, and

in said host apparatus, said host-side communication means receives said on-screen display information, and said host apparatus further comprises information superimposing means for superimposing said received on-screen display information on the video signal.

7. (Amended) A display system comprising:

a host apparatus having an image output interface;

a display apparatus which is operated by receiving at least a video signal from said host apparatus; and

a communication interface for communicating data between said host apparatus and said display apparatus, and

wherein said display apparatus comprises storing means for storing on-screen display information, and display-side communication means for transmitting the on-screen display information,

said host apparatus comprises host-side communication means for receiving the on-screen display information transmitted by said display apparatus, and information superimposing means for

superimposing the received on-screen display information on the  
15 video signal, and

in said display system, said host-side communication means  
transmits the video signal superimposed on the on-screen display  
information, said display-side communication means receives the  
transmitted signal, and said display apparatus displays an image  
20 of said on-screen display information.

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8. (Amended) A system according to Claim 5, wherein said  
communication interface has a specification for communication  
between said host-side communication means and said display-side  
communication means which conforms with a DDC1/DDC2B/DDC2AB  
5 standard prescribed by Video Electronics Standards Association or  
an expansion function thereof.

9. (Amended) A system according to Claim 7, wherein said  
communication interface has a specification for communication  
between said host-side communication means and said display-side  
communication means which conforms with a DDC1/DDC2B/DDC2AB  
5 standard prescribed by Video Electronics Standards Association or  
an expansion function thereof.

10. (Amended) A system according to Claim 5, wherein said  
display apparatus includes a mode for operating only said  
communication interface for communication with said host  
apparatus.

11. (Amended) A system according to Claim 7, wherein said display apparatus includes a mode for operating only said communication interface for communication with said host apparatus.

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5 14. (Amended) A system according to Claim 6, wherein:  
A<sup>3</sup> said host apparatus further comprises first storing means for storing on-screen display information thereof, and second storing means for storing the on-screen display information of said display apparatus which is received via said host-side  
10 communication means, and

said information superimposing means converts the on-screen display information stored in at least one of said first storing means and said second storing means into indicatable bit map information, and superimposes the indicatable bit map information  
15 on the video signal.

15. (Amended) A system according to Claim 7, wherein:  
said host apparatus further comprises first storing means for storing on-screen display information thereof, and second storing means for storing the on-screen display information of  
5 said display apparatus which is received via said host-side communication means, and

said information superimposing means converts the on-screen display information stored in at least one of said first storing

means and said second storing means into indicatable bit map  
10 information, and superimposes the indicatable bit map information  
on the video signal.

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16. (Amended) A system according to Claim 6, wherein said  
on-screen display information comprises ASCII text data.

17. (Amended) A system according to Claim 7, wherein said  
on-screen display information comprises ASCII text data.

18. (Amended) A system according to Claim 6, wherein said  
display apparatus is adapted to be selectively connected to a  
plurality of types of host apparatuses.

19. (Amended) A system according to Claim 7, wherein said  
display apparatus is adapted to be selectively connected to a  
plurality of types of host apparatuses.

20. (Amended) A system according to Claim 6, wherein said  
host apparatus is adapted to be selectively connected to a  
plurality of types of display apparatuses.

21. (Amended) A system according to Claim 7, wherein said  
host apparatus is adapted to be selectively connected to a  
plurality of types of display apparatuses.

21 .  
22. (Amended) A microdisplay apparatus adapted to be connected to a host apparatus, said microdisplay apparatus comprising:

memory means for storing monitor request voltage information  
5 and monitor current consumption information as specific EDID information on said microdisplay apparatus; and

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communication interface means for communicating with said host apparatus, and transmitting said monitor request voltage information and said monitor current consumption information to  
10 said host apparatus.

23. (Amended) A display system comprising a host apparatus and the microdisplay apparatus according to Claim 22, wherein:

said host apparatus is connected to said microdisplay apparatus via a digital interface,

5 said microdisplay apparatus further comprises detecting means for detecting a power voltage and a power current consumption, and transmits values of said power voltage and said power current consumption detected by said detecting means to said host apparatus via said communication interface means, and

10 said host apparatus comprises control means for controlling an output voltage of said host apparatus based on said EDID information which is stored in said memory means of said microdisplay apparatus, and said detected values of the power voltage and power current consumption, all of which are

15      communicated to said host apparatus via said communication  
interface means.

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